

<b>UTILITY PATENT APPLICATION TRANSMITTAL</b>		Attorney Docket No. <b>501268.01</b>	July 1, 2003
		First Inventor or Application Identifier <b>Leonard Forbes</b>	TO
		Title <b>APPARATUS AND METHOD FOR SPLIT TRANSISTOR MEMORIES HAVING IMPROVED ENDURANCE</b>	S-10 S-27 S-27 S-27
(Only for nonprovisional applications under 37 CFR § 1.53(b))		Express Mail Label No. <b>EL872099960US</b>	07/01/03
<b>APPLICATION ELEMENTS</b> <small>See MPEP chapter 600 concerning utility patent application contents.</small>		<b>ADDRESS TO:</b> <small>Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450</small>	
<p>1. <input checked="" type="checkbox"/> Fee Transmittal Sheet (+ copy) <i>(Submit an original and a duplicate for fee processing)</i></p> <p>2. <input type="checkbox"/> Applicant(s) Claim(s) Small Entity Status</p> <p>3. <input checked="" type="checkbox"/> Specification [Total Pages] <b>20</b> <i>(preferred arrangement set forth below)</i> <ul style="list-style-type: none"> <li>- Descriptive Title of the Invention</li> <li>- Cross References to Related Applications</li> <li>- Statement Regarding Fed sponsored R &amp; D</li> <li>- Reference to Microfiche Appendix</li> <li>- Background of the Invention</li> <li>- Brief Summary of the Invention</li> <li>- Brief Description of the Drawings <i>(if filed)</i></li> <li>- Detailed Description</li> <li>- Claim(s)</li> <li>- Abstract of the Disclosure</li> </ul> </p> <p>4. <input checked="" type="checkbox"/> Drawing(s) (35 USC 113) [Total Sheets] <b>11</b></p> <p>5. <input checked="" type="checkbox"/> Oath or Declaration [Total Pages] <b>1</b> <ul style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> Newly executed (original or copy)</li> <li>b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) <i>(for continuation/divisional with Box 18 completed)</i> <ul style="list-style-type: none"> <li>i. <input type="checkbox"/> <u>DELETION OF INVENTOR(S)</u> Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b)</li> </ul> </li> </ul> </p> <p>6. <input checked="" type="checkbox"/> Application Data Sheet (37 C.F.R. 1.76)</p>	<p>7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)</p> <p>8. <input type="checkbox"/> Nucleotide and/or Amino Acid Sequence Submission <i>(if applicable, all necessary)</i> <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> Computer-Readable Form (CRF)</li> <li>b. <input type="checkbox"/> Specification Sequence Listing on:           <ul style="list-style-type: none"> <li>i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or</li> <li>ii. <input type="checkbox"/> paper</li> </ul> </li> <li>c. <input type="checkbox"/> Statement verifying identity of above copies</li> </ul> </p>		
<p><b>ACCOMPANYING APPLICATION PARTS</b></p> <p>9. <input type="checkbox"/> Certification Under 35 U.S.C. 122(b)(2)(B)(i)</p> <p>10. <input checked="" type="checkbox"/> Assignment Papers (cover sheet &amp; document(s))</p> <p>11. <input checked="" type="checkbox"/> 37 CFR 3.73(b) Statement <i>(when there is an assignee)</i> <input checked="" type="checkbox"/> Power of Attorney</p> <p>12. <input type="checkbox"/> English Translation Document <i>(if applicable)</i></p> <p>13. <input type="checkbox"/> Preliminary Amendment Total Pages _____</p> <p>14. <input checked="" type="checkbox"/> Return Receipt Postcard</p> <p>15. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input checked="" type="checkbox"/> Copies of IDS Citations</p> <p>16. <input type="checkbox"/> Certified Copy of Priority Document(s) <i>(if foreign priority is claimed)</i></p> <p>17. <input checked="" type="checkbox"/> Other: <u>Certificate of Express Mail Check</u></p>			
<p>18. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment</p> <p><input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-In-Part (CIP) of prior Application No.: _____ Filed _____</p> <p>Prior application information: Examiner _____ Group / Art Unit _____</p> <p><input type="checkbox"/> Incorporation By Reference <i>(useable if box 5b is checked)</i> The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 5b, is considered to be part of the disclosure of the accompanying application and is hereby incorporated by reference therein.</p> <p><input type="checkbox"/> Claims the benefit of Provisional Application No. _____</p>			
<b>CORRESPONDENCE ADDRESS</b>			
<p>Steven H. Arterberry, Esq. Dorsey &amp; Whitney LLP 1420 Fifth Avenue, Suite 3400 Seattle, Washington 98101-4010 (206) 903-8800 phone / (206) 903-8820 fax</p>		<p><b>Customer No. 27,076</b></p>	
TYPED or PRINTED NAME <u>Steven H. Arterberry</u>		REGISTRATION NO. <u>46,314</u>	
SIGNATURE <u>Steve Arterberry</u>		Date <u>7/1/03</u>	

# FEE TRANSMITTAL SHEET (FOR FY 2003)

Complete if Known

Express Mail No.	EL872099960USUS
Filing Date	Concurrently Herewith
First Named Inventor	Leonard Forbes
Group Art Unit	Not Yet Assigned
Examiner	Not Yet Assigned
Atty. Docket Number	501268.01

## METHOD OF PAYMENT (Check One)

1.  The Commissioner is hereby authorized to charge any additional fee required under 37 C.F.R. §§ 1.16 and 1.17 and 1.136(a)(3) and credit any over payments to Deposit Account No.: 50-1266; Deposit Account Name: DORSEY & WHITNEY LLP

2.  Check Enclosed

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
101	750	201	375	<input checked="" type="checkbox"/> Utility Filing Fee
106	330	206	165	<input type="checkbox"/> Design Filing Fee
108	750	208	375	<input type="checkbox"/> Reissue Filing Fee
114	160	214	80	<input type="checkbox"/> Provisional Filing Fee
<b>Subtotal (1)</b>				<b>\$750</b>

## 2. EXTRA CLAIM FEES

Current Claims		Prior	Extra	Fee	Fee Paid
Total	32	-	20	= 12	x \$18 = \$216
Ind.	3	-	3	= 0	x \$ = \$0
Multiple Dependent Claims				x \$ = \$0	
<b>Subtotal (2)</b>				<b>\$216</b>	

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
103	18	203	9	Claims in excess of 20
102	84	202	42	Independent claims in excess of 3
104	280	204	140	Multiple dependent Claim
109	84	209	42	Reissue independent claims over original patent
110	18	210	9	Reissue claims in excess of 20 and over original patent

## 3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Description	Fee paid
105	130	205	65 Surcharge - Late filing fee or oath
127	50	227	25 Surcharge - late provisional filing fee or cover sheet
139	130	139	130 Non-English specification
147	2,520	147	2,520 For Filing a Request for Reexamination
195	300	196	300 Publication (early or Republication)
115	110	215	55 Extension for reply within first month
116	410	216	205 Extension for reply within 2 <sup>nd</sup> month
117	930	217	465 Extension for reply within 3 <sup>rd</sup> month
118	1,450	218	725 Extension for reply within 4 <sup>th</sup> month
128	1,970	280	985 Extension for reply within 5 <sup>th</sup> month
120	320	220	160 Filing a brief in support of an appeal
121	280	270	140 Request for oral hearing
148	110	248	55 Terminal Disclaimer Fee
140	110	240	55 Petition to revive – unavoidable
141	1,300	241	650 Petition to revive – unintentional
142	1,300	242	650 Utility/Reissue issue fee (+ advance copies)
143	470	243	235 Design issue fee (+ advance copies)
122	130	122	130 Petitions to the Commissioner
123	50	123	50 Petitions related to provisional applications
126	180	126	180 Submission of IDS
581	40	81	581 Recording each patent assignment per property (times number of properties)
179	750	279	375 Request for Continued Examination (RCE)
<b>Subtotal (3)</b>			

**Total Amount of Payment:** \$1006

Submitted by:

Name: Steven H. Arterberry	Reg. No.: 46,314	Telephone: (206) 903-8800
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Signature: 	Date: 7/1/03
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PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Leonard Forbes

Attorney Docket No.: 501268.01

Filed : Concurrently Herewith

Title : APPARATUS AND METHOD FOR SPLIT TRANSISTOR MEMORY HAVING  
IMPROVED ENDURANCEGENERAL AUTHORIZATION

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

With respect to the above-identified application, the Commissioner is authorized to charge any fees under 37 C.F.R. §§ 1.16 and 1.17 which may be required and to treat any concurrent or future reply requiring a petition for an extension of time under 37 C.F.R. § 1.136(a)(3) for its timely submission as incorporating a petition therefor for the appropriate length of time and to charge any fees which may be required during the course of prosecution, or credit any overpayment, to Deposit Account No. 50-1266.

Date 7/01/03

*Steven Arterberry*  
\_\_\_\_\_  
Steven H. Arterberry  
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PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant : Leonard Forbes Attorney Docket No.: 501268.01  
Filed : Concurrently Herewith  
Title : APPARATUS AND METHOD FOR SPLIT TRANSISTOR MEMORY HAVING IMPROVED ENDURANCE

**CERTIFICATE OF MAILING BY "EXPRESS MAIL"**

MAIL STOP PATENT APPLICATION  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

I hereby certify that the enclosures listed below are being deposited with the United States Postal Service "EXPRESS MAIL Post Office to Addressee" service under 37 C.F.R. § 1.10, Mailing Label Certificate No. EL872099960US, on July 1, 2003, addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Respectfully submitted,  
DORSEY & WHITNEY LLP

/ for West Courier

SHA:jmw

**Enclosures:**

Postcard  
Check  
PTO/SB/05 Utility Patent Application Transmittal  
Application Data Sheet  
Fee Transmittal Sheet (+ copy)  
General Authorization  
Specification, Claims, Abstract (20 pages)  
11 Sheets of Drawings (Figures 1-17)  
Declaration  
Election and Power of Attorney  
Form PTO-1595  
Assignment  
Information Disclosure Statement  
Form PTO-1449  
Cited References (4)